Importing Data into R Studio

Using R Studio

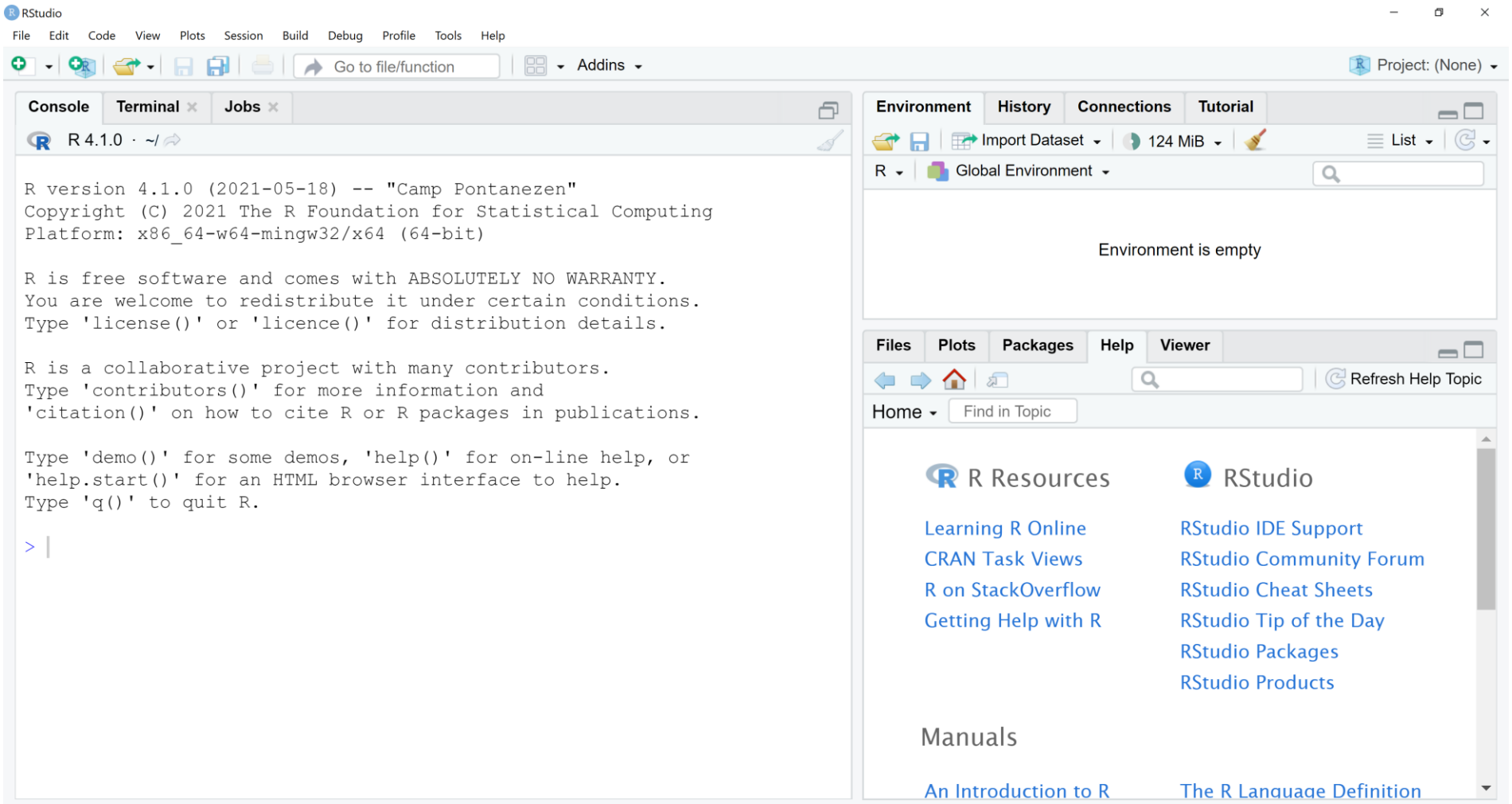
Dataset

- This tutorial is a walkthrough with a sample set of data. You may use this to walk through the tutorial, if you wish, but for your assignments, you will be asked to use your own dataset (as specified within the course).

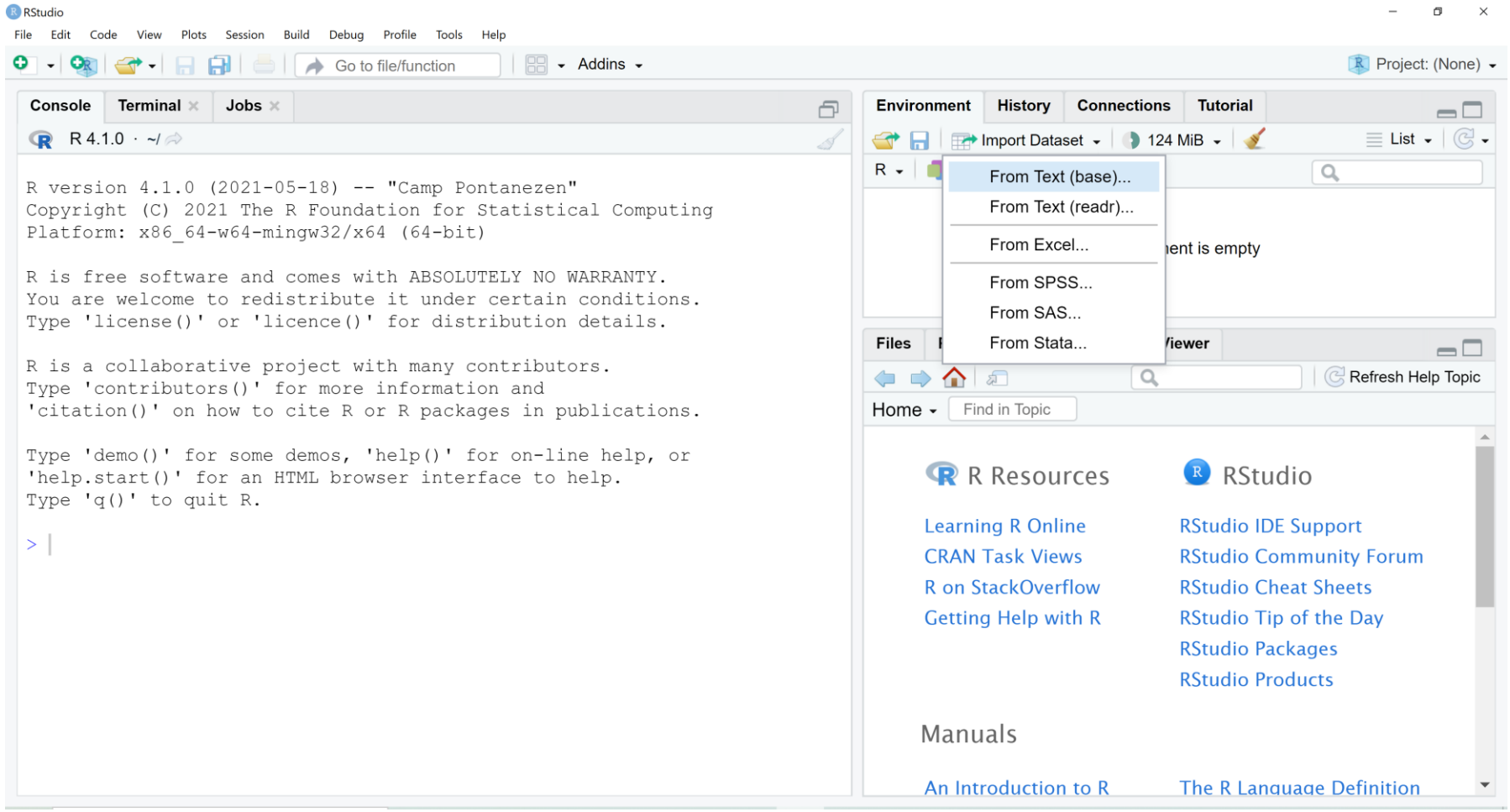
Dataset reference:

Skoryk, M. (2021). Sepsis Prediction from Clinical Data. Version 1. Retrieved from https://www.kaggle.com/maxskoryk/datasepsis

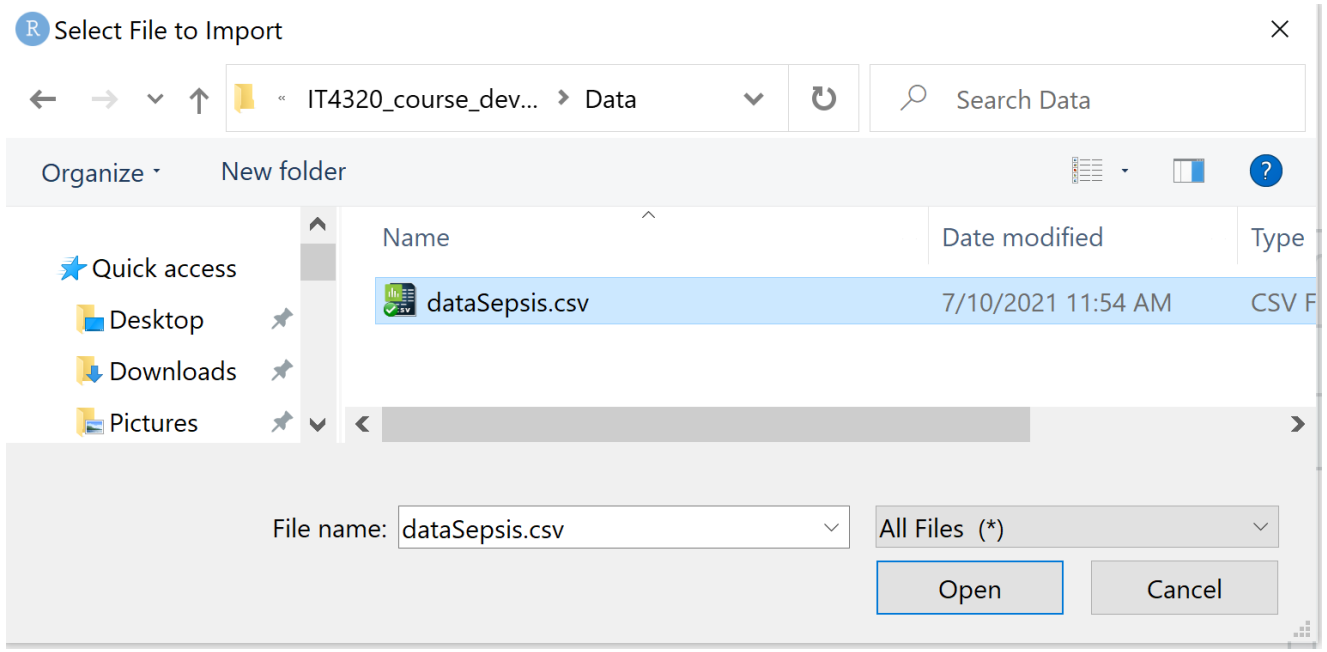
Open R Studio



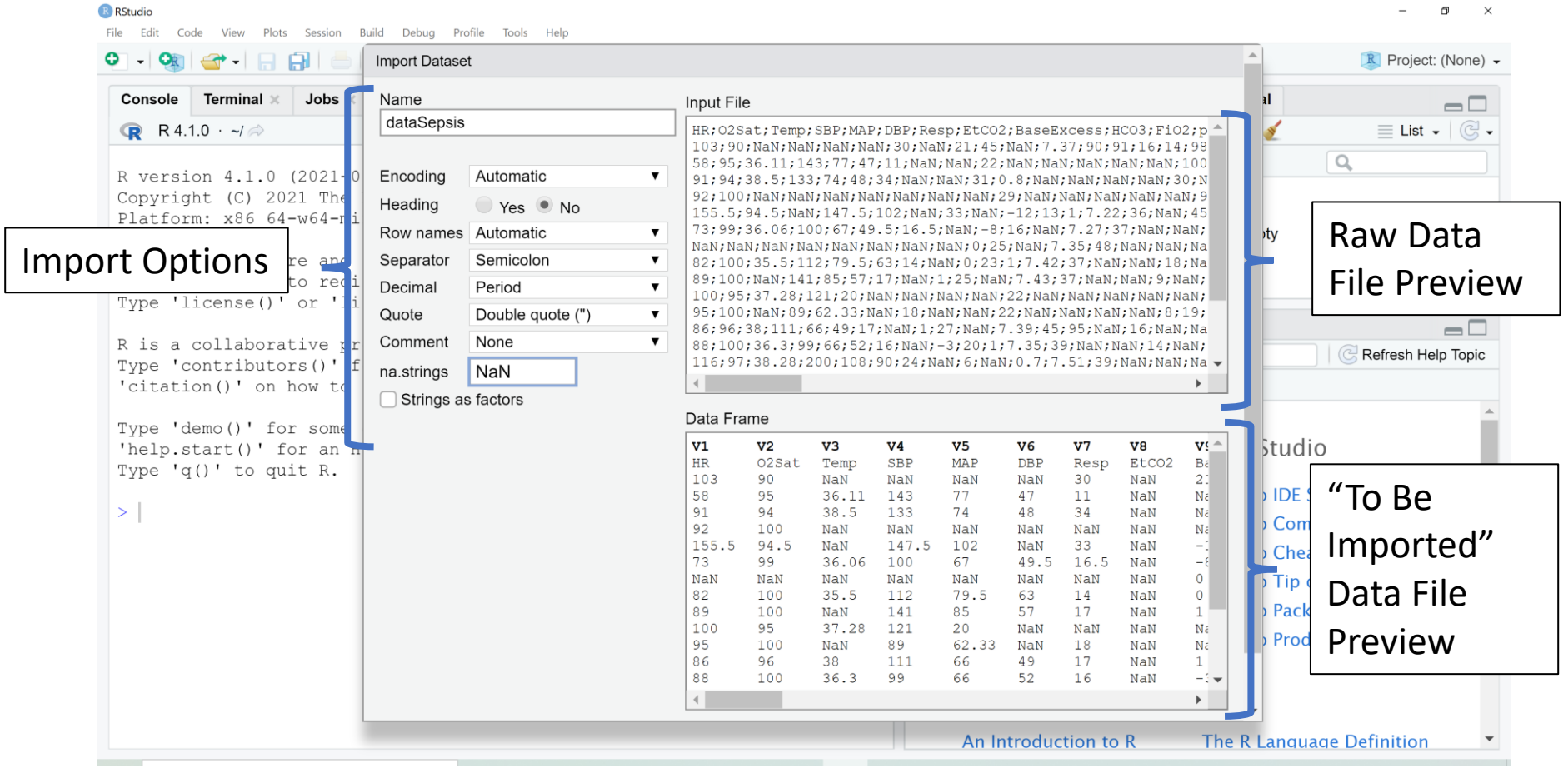
Click on “Import Data” and Choose “From Text (base)”



Navigate to Your Dataset, Then Click “Open”

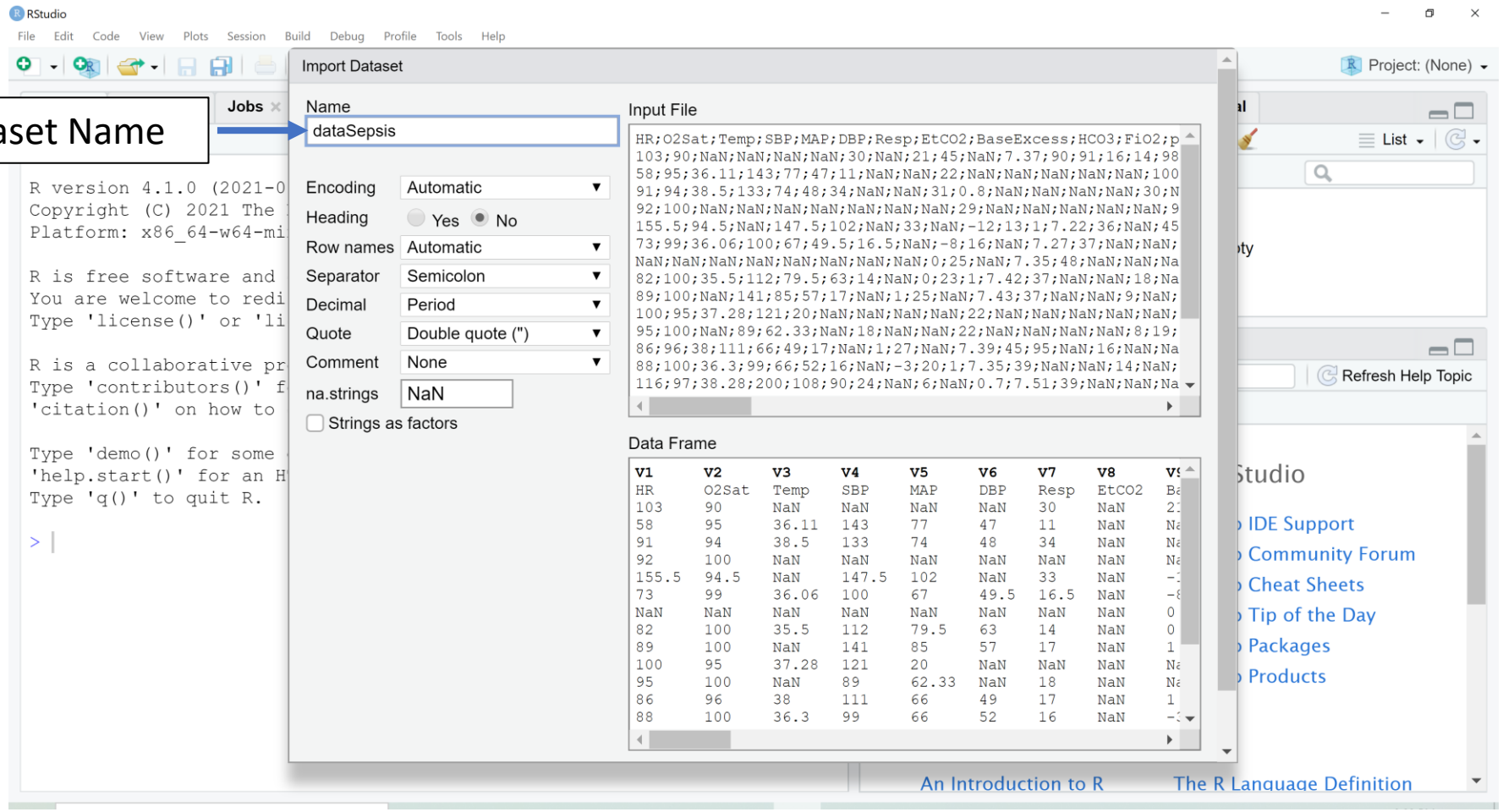


Select Options to Import Your Data Based on the Format of Your Text File



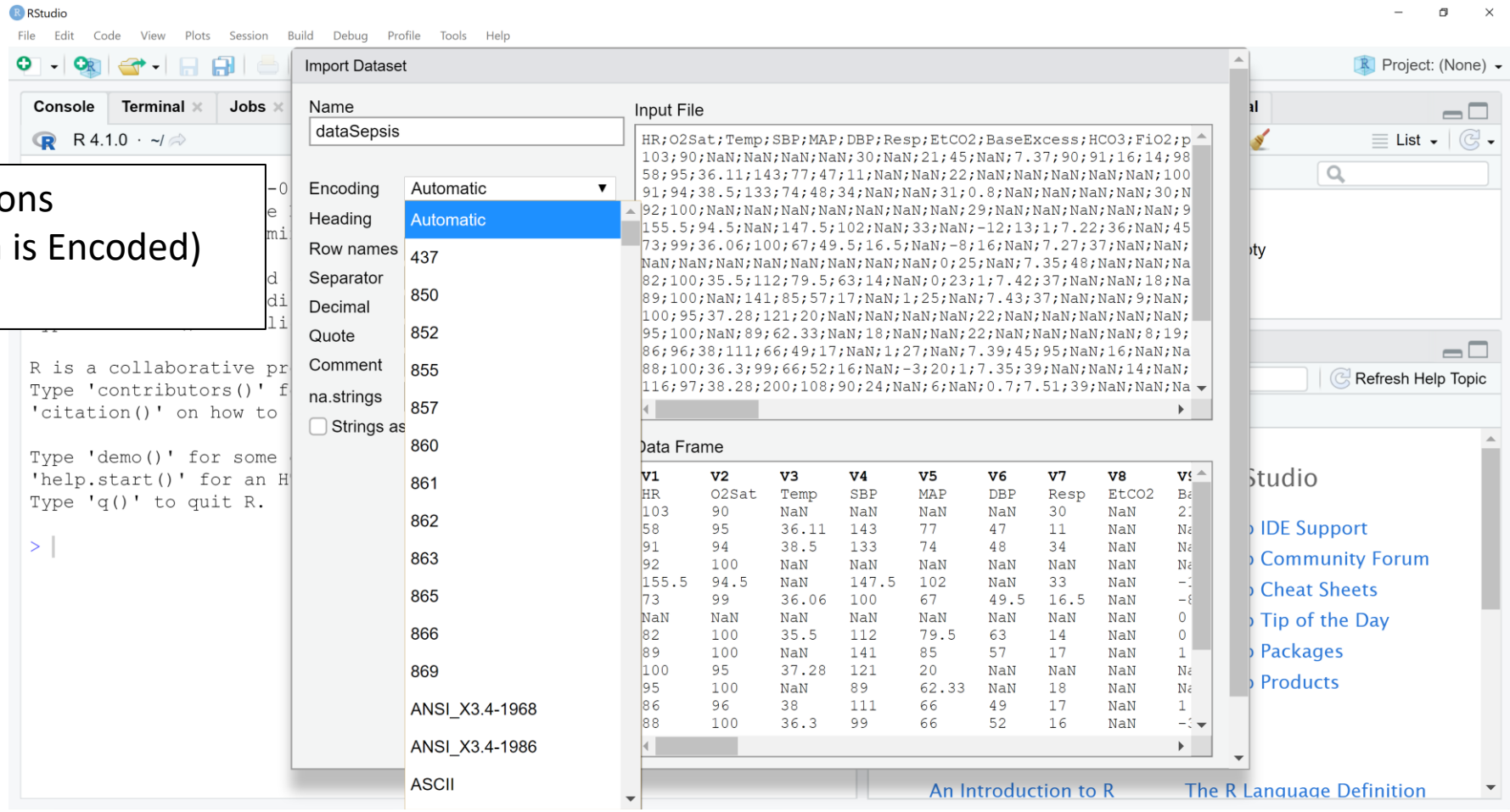
Import Dataset Name

Imported Dataset Name



Encoding Options

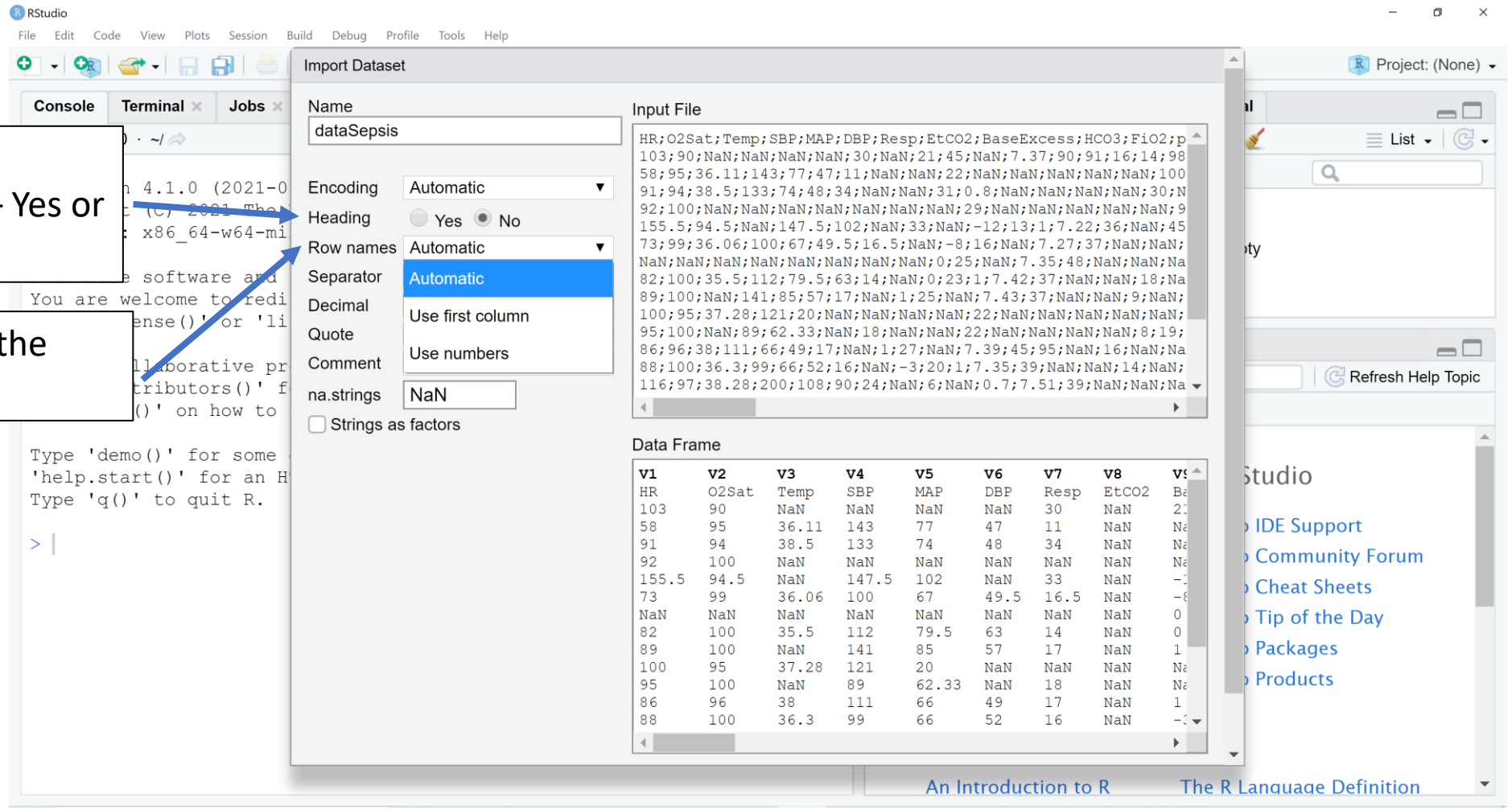
Encoding Options
(How the Data is Encoded)



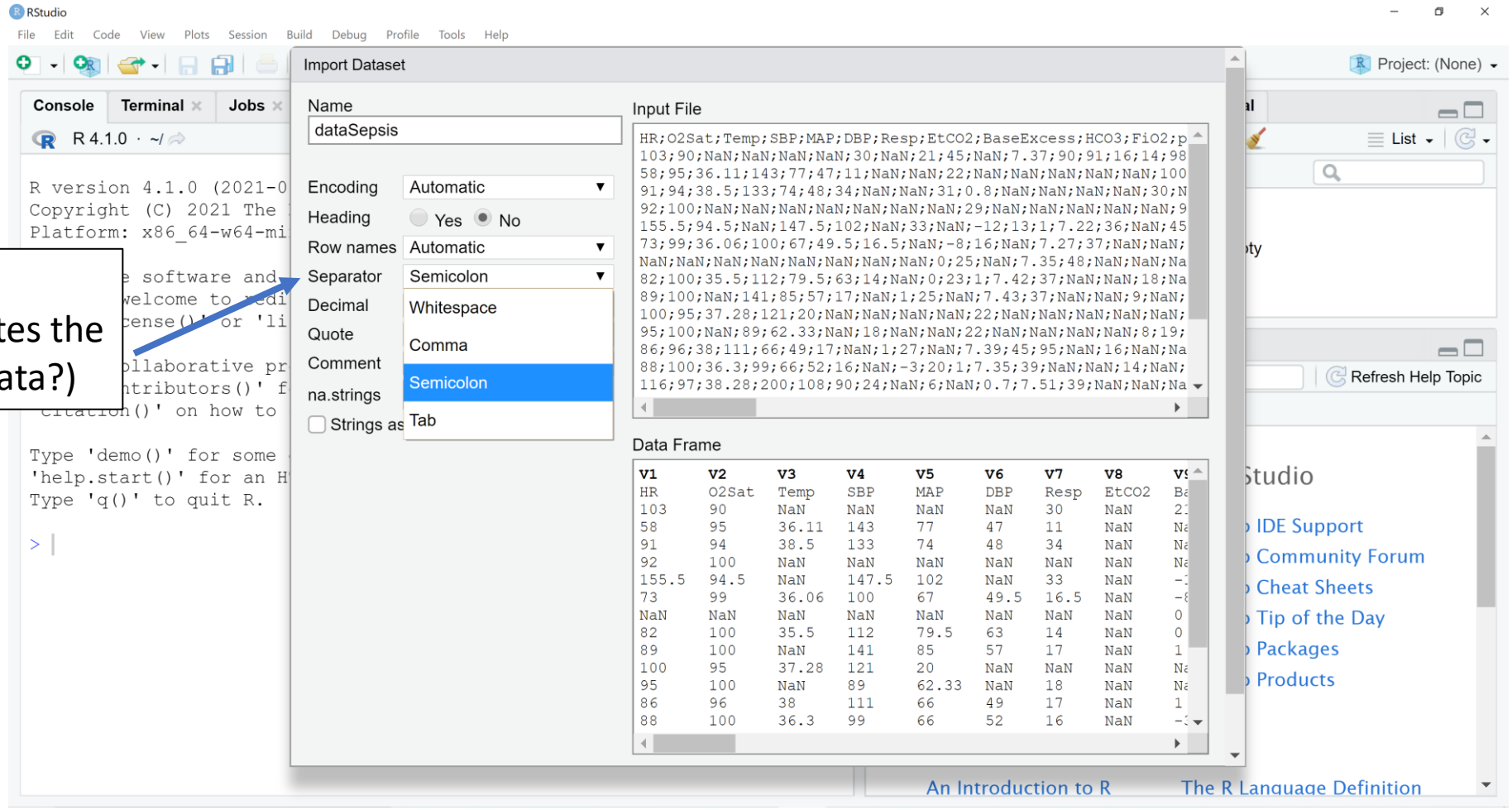
Heading, Row Names

Heading
(Header Row – Yes or No)

How to Name the Rows



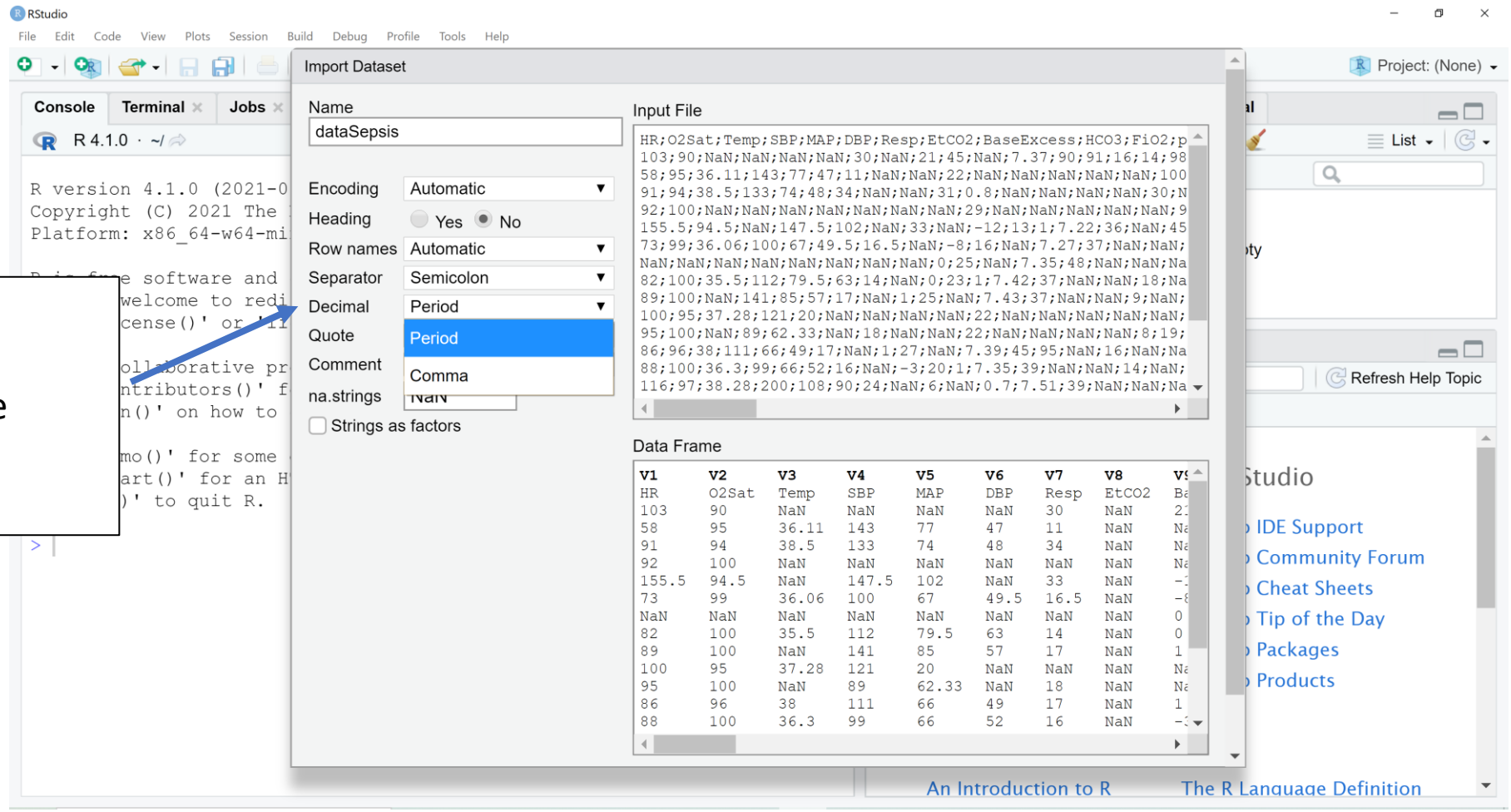
Separator



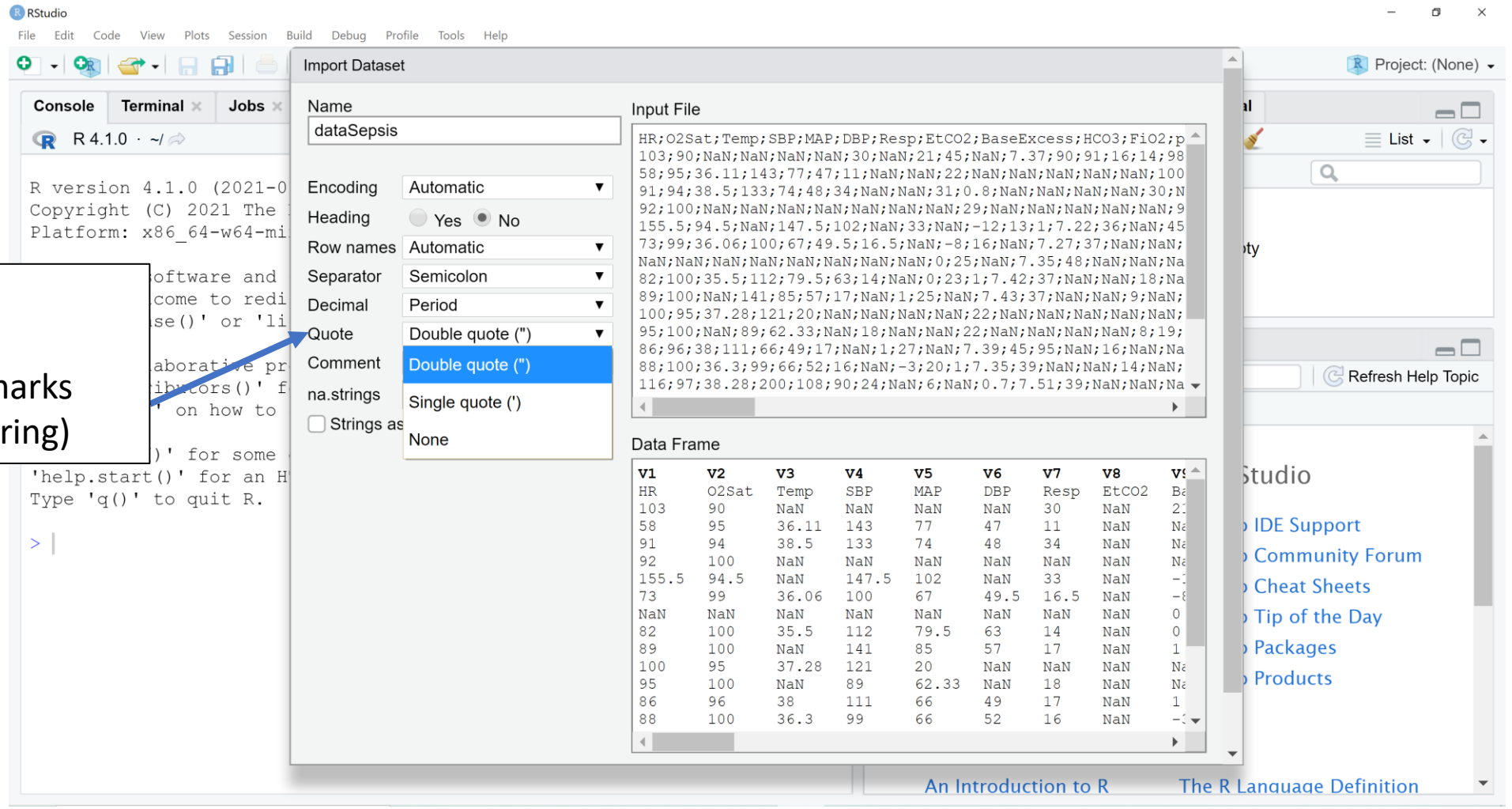
Separator
(What separates the fields in the data?)

Decimal

Decimal
(What symbol represents the decimal in numbers?)



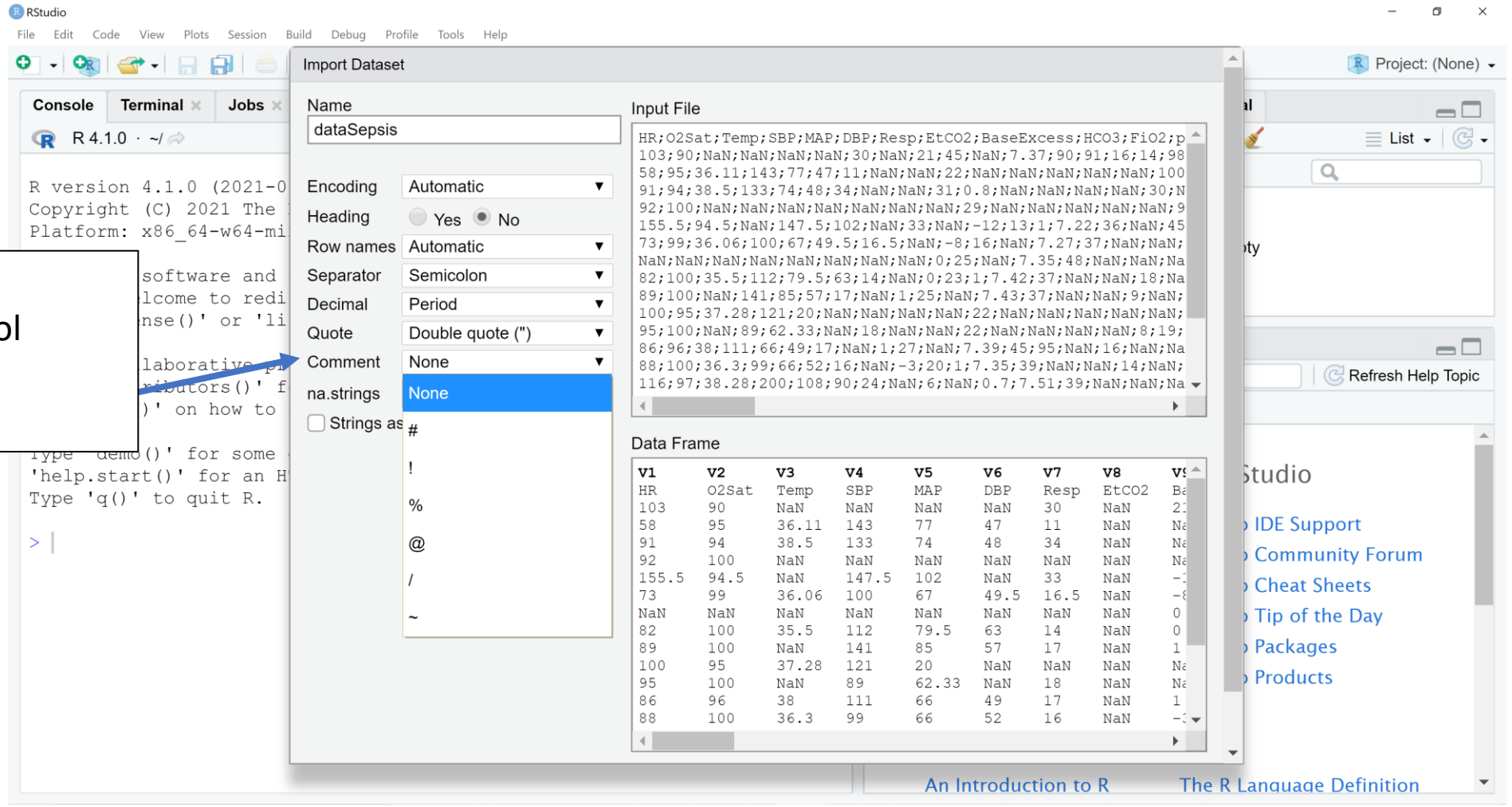
Quote



Quote
(How many quotation marks enclose a string)

Comment

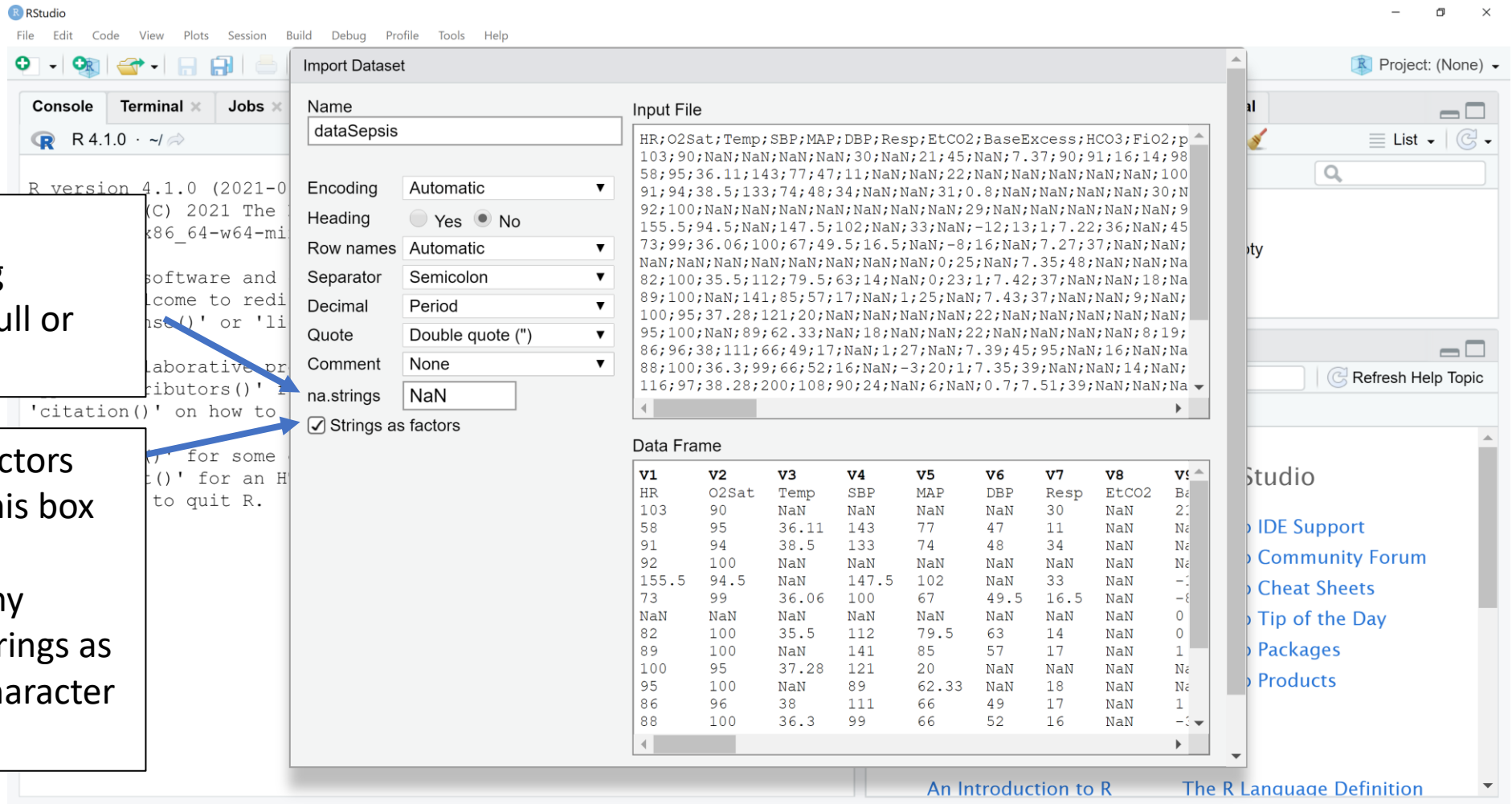
Comment
(What symbol denotes a comment)



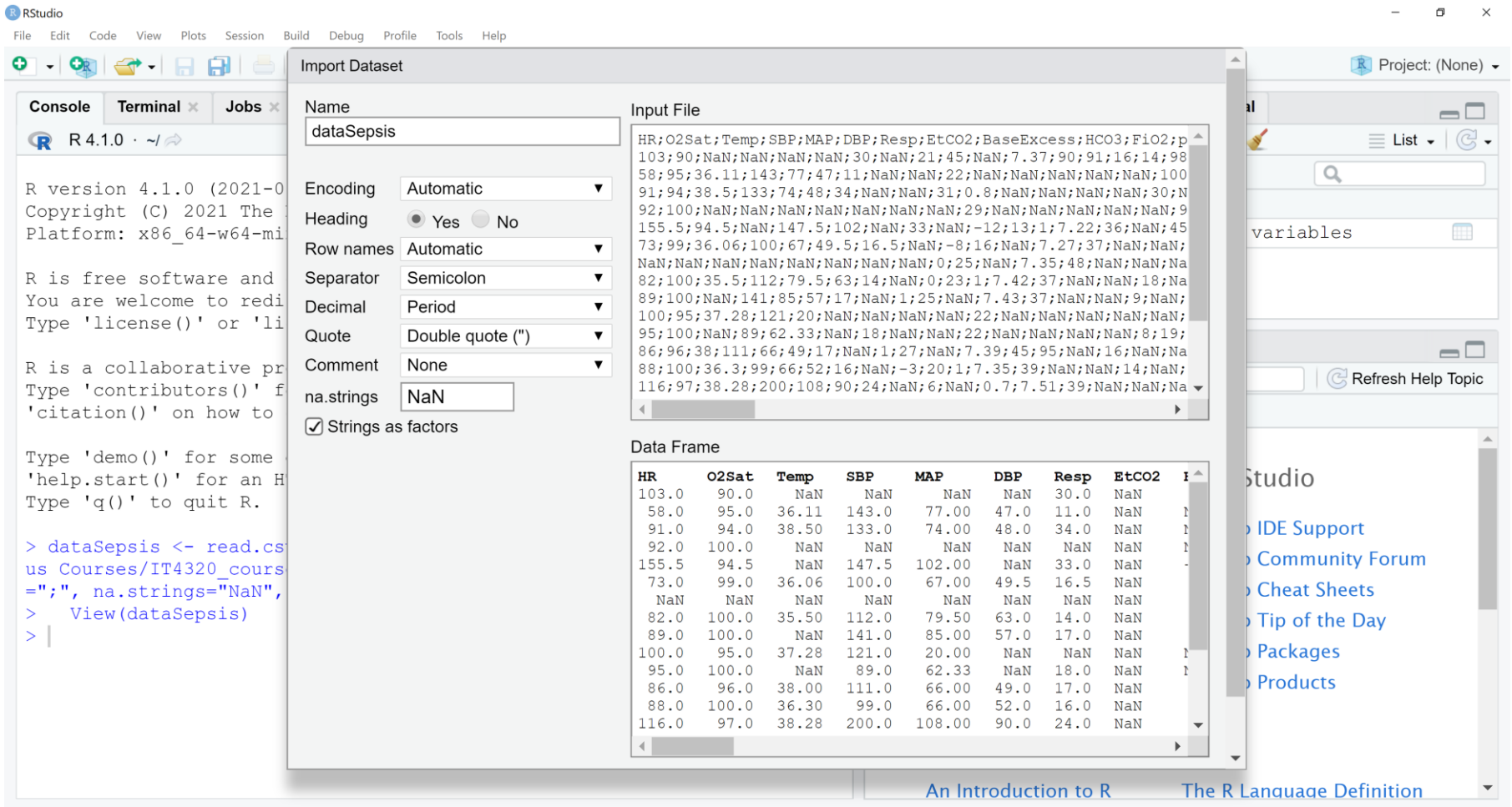
Na.strings and strings as factors

na.strings
(What string denotes a null or n/a value)

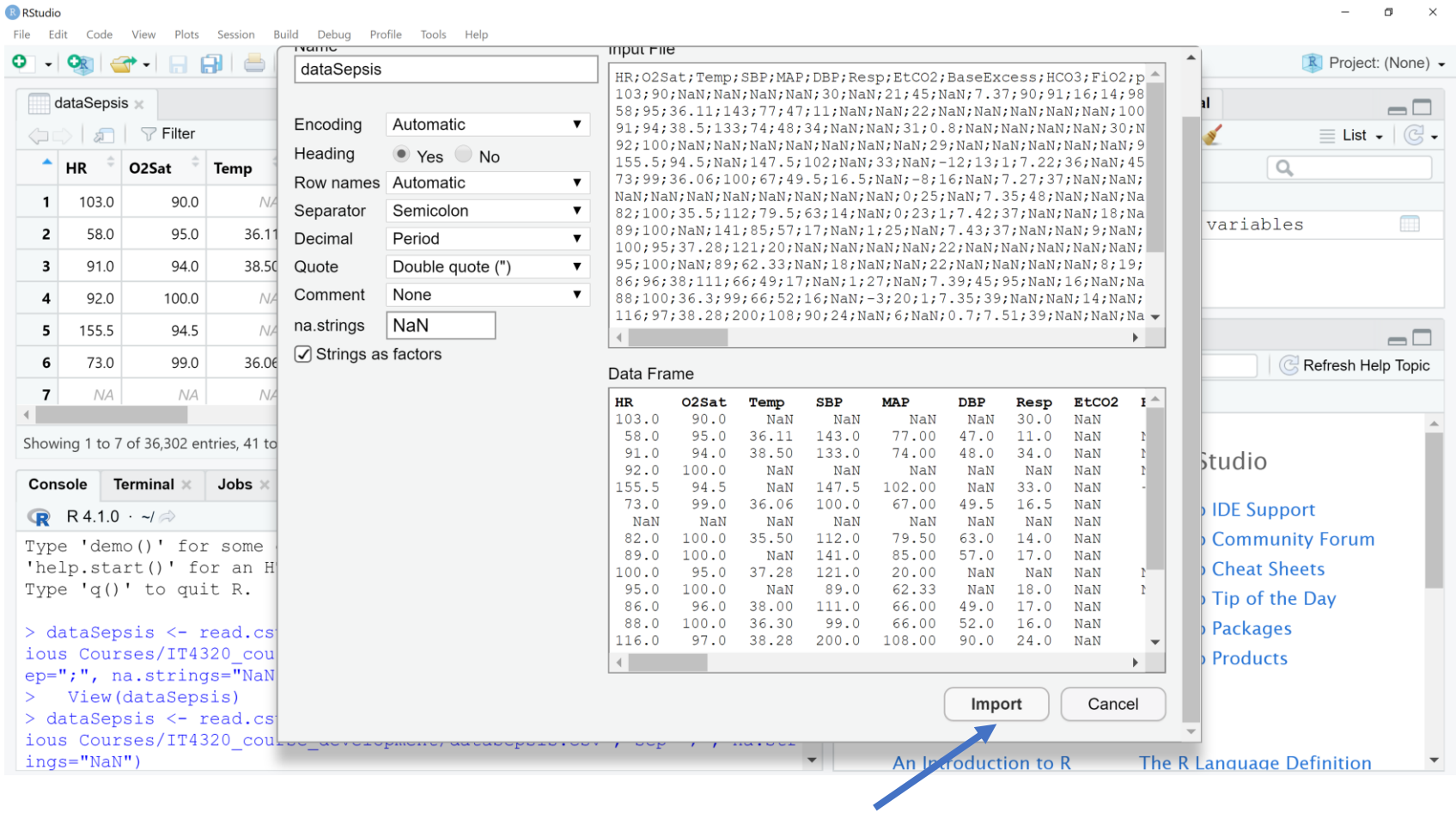
Strings as factors
(Checking this box will make R recognize any character strings as factors or character variables)



The Options Displayed are Those Required to Successfully Import the sepsis dataset.



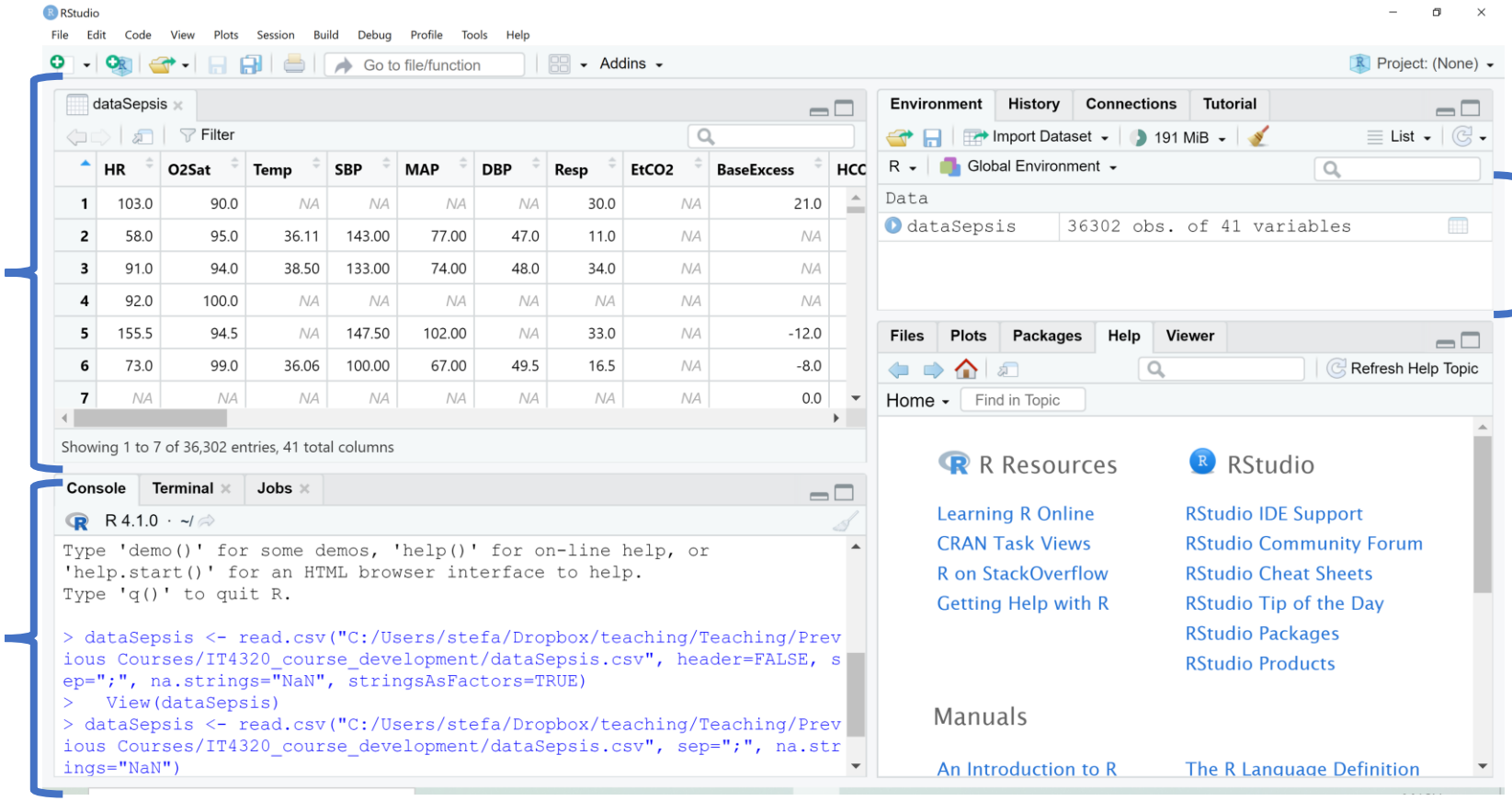
Scroll Down and Click “Import” to Complete Import Process



You May Verify Successful Upload On the Following Screen

Imported Data

Logfile Indicating Options in the Import Process



Dataset Summary

More Options for Importing Data Into R Studio

https://support.rstudio.com/hc/en-us/articles/218611977-Importing-Data-with-the-RStudio-IDE